

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	(("6065364") or ("5771753") or ("4632632")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 13:50
S2	9	("4632632").URPN.	USPAT	ADJ	ON	2008/08/30 14:01
S3	1	("5771753").URPN.	USPAT	ADJ	ON	2008/08/30 14:04
S4	1	("6065364").URPN.	USPAT	ADJ	ON	2008/08/30 14:05
S5	9	ikeda-tatsuya.in.	USPAT	ADJ	ON	2008/08/30 14:15
S6	24	nakata-hiroyuki.in.	USPAT	ADJ	ON	2008/08/30 14:15
S7	61	nakata-hiroyuki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 14:16
S8	159	ikeda-tatsuya.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 14:16
S9	2	("2988237").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/30 16:19
S10	0	"702".""194".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:30
S11	161	702/194.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:30

S12	1250	702/150.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:37
S13	1092	702/150.ccls. and position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:37
S14	219	702/150.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:37
S15	775	702/186.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:48
S16	34	702/186.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:48
S17	233	700/192.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/08/30 16:49
S18	98	901/12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/15 14:43
S19	95	901/13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/15 15:28
S20	2467	robot and dog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:06
S21	1907350	robot or articulat\$3 or automat\$4 or autonomous \$2 or CNC machine\$2 or mechanical device or mechan\$4) and (calibrat\$5 or align\$4 or origin\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:09

S22	81096	(robot or articulat\$3 or automat\$4 or autonomous \$2 or CNC machine\$2 or mechanical device or mechan\$4) and (calibrat\$5 or align\$4 or origin\$2) and dog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:10
S23	56840	(robot or articulat\$3 or automat\$4 or autonomous \$2 or mechan\$4) and (calibrat\$4 or align\$4 or (adjust origin\$2)) and dog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:13
S24	1125	robot and dog and (calibrat\$4 or align\$4 or (adjust origin\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:14
S25	14	robot same dog same (calibrat\$4 or align\$4 or (adjust origin\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:14
S26	80	industrial robot same origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 19:40
S27	263	901/6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 20:31
S28	122	901/6.ccls.and (calibrat\$4 or align\$4 or origin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 20:31
S29	240	901/17.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:18
S30	108	901/17.ccls.and (calibrat\$4 or align\$4 or origin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:18
S31	12	901/17.ccls.and (calibrat\$4 or align\$4 or origin\$3) same (adjust or correct or improve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:22

S32	403	901/22.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:25
S33	20	901/22.ccls.and (calibrat\$4 or align\$4 or origin\$3) same (adjust or correct or improve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:25
S34	389	901/37.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:28
S35	2	901/37.ccls.and (calibrat\$4 or origin) same (adjust or correct or improve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:28
S36	314	901/50.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:29
S37	7	901/50.ccls.and (calibrat\$4 or origin) same (adjust or correct or improve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:29
S38	0	901/113.ccls.and (calibrat\$4 or origin) same (adjust or correct or improve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:33
S39	48	74/490.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:33
S40	0	74/490.1.ccls. and (robot same (calibrat\$4 or origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:34
S41	0	74/526.ccls. and (robot same (calibrat\$4 or origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:34

S42	45	74/526.ccls. and ((calibrat \$4 or origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:35
S43	5	74/526.ccls. and (origin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:35
S44	2	74/490.1.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 21:37
S45	0	192/149.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:06
S46	271	192/149.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:06
S47	6	192/149.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:07
S48	233	414/918.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:09
S49	1	414/918.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:09
S50	92	414/918.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:10
S51	0	74/525.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:12

S52	2	74/525.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:12
S55	6	192/149.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:13
S56	0	192/149.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:17
S57	41	74/469.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:18
S58	12	74/469.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:19
S59	3	192/139.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:20
S60	3	192/139.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:21
S61	3	192/139.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:22
S62	8	192/142r.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:23
S63	2	192/142r.ccls. and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:24

S64	233	700/192.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:33
S65	61	700/192.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/16 22:33
S66	84	702/94.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:13
S67	225	702/150.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:28
S68	6	702/150.ccls. and (origin same robot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:29
S69	28	702/150.ccls. and (origin and robot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:30
S70	0	702/186.ccls. and (origin and robot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:33
S71	34	702/186.ccls. and origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:34
S72	71	700/56-66.ccls. and (origin and robot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 00:35

S73	105	(("0848905") or ("4529346") or ("4892012") or ("4969881") or ("5695309") or ("5762754") or ("5915318") or ("6047874") or ("4307301") or ("4357503") or ("4406097") or ("4514713") or ("4843746") or ("4867199") or ("4911379") or ("5231188") or ("5247090") or ("5295858") or ("5319901") or ("5480143") or ("5545342") or ("5885069") or ("5897244") or ("5949681") or ("5978616") or ("6000523") or ("6010311") or ("6012967") or ("6152205") or ("6170633") or ("6231360") or ("4270251") or ("4307818") or ("4322121") or ("4336636") or ("4338880") or ("4342324") or ("4363436") or ("4383443") or ("4400854") or ("4420044") or ("4427124") or ("4430523") or ("4453894") or ("4461631") or ("4462524") or ("4492079") or ("4495078") or ("4513069") or ("4514106") or ("4566246") or ("4590765") or ("4606861") or ("4609124") or ("4609602") or ("4783555") or ("4787672") or ("RE32814") or ("4805274") or ("4818173") or ("4818174") or ("4884999") or ("4920959") or ("4927171") or ("4964599") or ("4966479") or ("4998828") or ("5024478") or ("5197253") or ("5215802") or ("5251420") or ("5256449") or ("5289937") or ("5312326") or ("5328513") or ("5379097") or ("5381579") or ("5385985") or ("5388878") or ("5389739") or ("5399043") or ("5410428") or ("5412849") or ("5416921") or ("5418669") or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/17 11:21
-----	-----	---	--	----	-----	---------------------

		("5433428") or ("5451095") or ("5462488") or ("5469036") or ("5479733") or ("5485353") or ("5486275") or ("5489240") or ("5501137") or ("5512234") or ("5626484") or ("5655269") or ("5664295") or ("5685731") or ("5706658").PN.				
S74	11	robot (recalibrat\$4 or (adjust origin\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 12:00
S75	7	robot and (recalibrat\$4 or adjust) origin\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 12:06
S76	416	(recalibrat\$4 or adjust) origin\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 12:12
S77	60	(recalibrat\$4 or adjust) origin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/17 12:12
S78	52	((3554065") or ("3554240") or ("3554471") or ("3555218") or ("3555225") or ("3555228") or ("3555279") or ("3556064") or ("3556181") or ("3556215") or ("3557327") or ("3557338") or ("3557648") or ("3557755") or ("3557976") or ("3558023") or ("3558132") or ("3558835") or ("3558836") or ("3558837") or ("3558838") or ("3559587") or ("3559588") or ("3559685") or ("3559845") or ("3560671") or ("3560673") or ("3560677") or ("3560682") or ("3560683") or ("3560689") or ("3560705") or ("3560811") or ("3561359") or ("3561459") or ("3561683") or ("3561731") or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/17 14:23

		(("3562459") or ("3562605") or ("3562630") or ("3563258") or ("3563283") or ("3563285") or ("3563350") or ("3563493") or ("3563516") or ("3563573") or ("3563581") or ("3564118") or ("3564168")).PN.				
S79	19931	calibrat\$3 same stop	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:28
S80	507	calibrat\$3 same stop same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:29
S81	507	calibrat\$3 same stop same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:29
S82	115	calibrat\$3 same stop same removable same actuat\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:29
S83	7	calibrat\$3 same stop same removable same dog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:34
S84	13	calibrat\$3 same robot same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:36
S85	2	zero same robot same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:45
S86	121	reference same robot same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 18:46

S87	688	calibrat\$3 same (robot or actuator or automat\$6) same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:22
S88	13	calibrat\$3 same (robot) same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:22
S89	125	calibrat\$3 same (actuator) same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:22
S90	2	calibrat\$3 same (cnc machine) same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:27
S91	2	calibrat\$3 same (servomechanism) same removable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:28
S92	1879	origin.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:45
S93	33	origin.ti. and fanuc.asn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 20:46
S94	0	origin.ti. and kuka.asn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 21:05
S95	1	origin.ti. and abb.asn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/25 21:05
S96	1	"1743745"	USPAT	ADJ	ON	2008/09/26 20:00
S97	3	"1743745"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/26 20:00

S98	2	"2005111576"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/09/26 20:08
S99	1	("4481592").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/06 22:37
S100	38	("3944985" "4156835" "4362977" "4379335"). PN. OR ("4481592").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 22:37
S101	3516	Hidekazu.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 22:52
S102	0	Hidekazu-wakita.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 22:52
S103	11876	denso.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 22:52
S104	134	denso.as. and robot	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 22:53
S105	6938	robot same operator	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:00
S106	933	robot same operator same display	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:01
S107	59	robot same operator same display same (calibrate or error)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:01
S108	29	robot same operator same display same (adjust)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:30
S109	2	effector same operator same display same (adjust)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:51
S110	524	automatic same operator same display same (adjust)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:52
S111	500	machine same operator same display same (adjust)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:53
S112	4	automat\$4 machine same operator same display same (adjust)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/06 23:53

S113	124	teach pendant same operator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 11:26
S114	33	display same operator same robot same guide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 11:31
S115	54	calibration same robot same display	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 12:04
S116	72	("3920972" "3944985" "3986007" "4156835" "4379335").PN. OR ("4456961").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/07 12:36
S117	0	minamitsuru-gun-yamanashi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 14:43
S118	0	yamanashi-minamitsuru-gun.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 14:44
S119	252	terada-akihiro.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 14:44
S120	216	terada-akihiro.in. and fanuc.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/07 14:44
S121	1	("5570609").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/04/07 15:02
S122	7	"1085389"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/16 11:57

11/19/2009 3:06:33 PM

C:\Documents and Settings\lolsen\My Documents\EAST\Workspaces\10595226 ikeda calibrate robot.wsp

